



**California Environmental Protection Agency
Department of Toxic Substances Control**

**DRAFT SERIES "B" STANDARDIZED
HAZARDOUS WASTE FACILITY PERMIT**

Facility Name: Advanced Environmental, Inc.
13579 Whittram Avenue
Fontana, California 92335

Owner Name: Advanced Environmental, Inc.
13579 Whittram Avenue
Fontana, California 92335

Operator Name: Advanced Environmental, Inc.
13579 Whittram Avenue
Fontana, California 92335

Facility EPA ID Number: CAT 080025711

Effective Date: xxxx

Expiration Date: xxxx

Pursuant to section 25200 of the California Health and Safety Code, this Series B Standardized Hazardous Waste Facility Permit is hereby issued to Advanced Environmental, Inc. for the operation of its Fontana, California facility. The Permit consists of 56 pages including this cover page and Attachment "A."

Mohinder S. Sandhu, P.E., Chief
Standardized Permitting and Corrective Action Branch
Department of Toxic Substances Control

Date: _____

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Attachment A

DRAFT STANDARDIZED HAZARDOUS WASTE FACILITY PERMIT

Advanced Environmental, Inc.
13579 Whittram Avenue
Fontana, California 92335
U. S. EPA ID No. CAT 080025711

PART I. DEFINITIONS

All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, division 20, chapter 6.5 and California Code of Regulations, title 22, division 4.5, unless expressly provided otherwise by this Permit.

1. **"DTSC"** as used in this Permit means the California Department of Toxic Substances Control.
2. **"Permittee"** as used in this Permit means the Owner and the Operator.
3. **"Non-RCRA Hazardous Waste"** means all hazardous waste regulated in the State of California, other than RCRA hazardous waste as defined in Health and Safety section 25120.2.
4. **"RCRA Hazardous Waste"** means all waste identified as a hazardous waste in Part 261 (commencing with section 261.1) of Subchapter I of chapter 1 of title 40 of the Code of Federal Regulations and appendixes thereto. (Health and Saf. Code § 25120.2).
5. **"Used Oil"** means all material defined as used oil in Health and Safety Code section 25250.1(a)(1).
6. **"Contaminated Petroleum Product"** means a product as defined in Health and Safety Code section 25250.1(a)(7).
7. **"Oily Waste"** means any non-RCRA liquid, semi-solid, or solid waste that contains unrefined petroleum, or any one or more of the following fractions of petroleum: gasoline, naphtha, kerosene, fuel oil, lubricating oil or other hydrocarbon waste if the original purpose of the hydrocarbon was fuel or lubricant, and which is described by one of the waste codes authorized for Wastestream 3 (Oily Waste) in this Permit.

PART II. DESCRIPTION OF THE FACILITY AND OWNERSHIP

A. FACILITY OWNER

Advanced Environmental, Inc
13579 Whittram Avenue
Fontana, California 92335

B. FACILITY OPERATOR

Advanced Environmental, Inc
13579 Whittram Avenue
Fontana, California 92335

The Permittee as used in this Permit means the owner and operator listed above.

C. LOCATION

The Advanced Environmental, Inc. (AEI) facility (the Facility) is located at 13579 Whittram Avenue, in the City of Fontana, San Bernardino County, California (Figure 1). The property is zoned general industrial use. Whittram Avenue borders the Facility to the north. The Santa Fe and Metrolink railroad tracks border the Facility to the south. The San Sevaine dry wash crosses under the railroad tracks due south of the Facility. The Facility is located at latitude N34° 03'39" and longitude W117° 30'30."

D. DESCRIPTION

1. General Facility Description

The hazardous wastes that are managed at the Facility are primarily used oil, contaminated petroleum products, oily waste, oily water, used antifreeze, used oil filters, and oily solids and antifreeze contaminated debris (see Table 1 for details). The incoming hazardous wastes are delivered to the Facility in tanker trucks. The wastes are unloaded into designated tanks by a pump and manifold system. Tank contents are unloaded into tanker trucks for shipment to offsite recycling or disposal facilities.

2. Permitting History

The Facility began operating in the late 1960's and early 1970's as a collection center for used motor oil. The collection center used heat to separate oil and water, producing a fuel oil. The collection center was owned and operated by Delbert Bronson and Theresa Garrett under the name of Lakewood Oil. From 1979 to 1982, Lakewood Oil designed, constructed and operated a refinery at this location. In 1982, the California Department of Health Services ((DHS), the predecessor agency to DTSC) issued Lakewood Oil a variance to refine and store waste oil and treat and dispose wastewater generated at the site. In the early 1980's, the Facility was operated by Joseph Hall and Neal Hill as EJH, Inc., Lakewood Oil, and Base Oil. During this time period, the Facility functioned as a storage and transfer facility for used oil and waste antifreeze. In September 1989, the Facility was sold to Petroleum Recycling Corporation (PRC). In March of 1991, DTSC issued an interim status document (ISD) to PRC for treatment of petroleum wastes using filtration, thermal and chemical gravity separation, atmospheric distillation, vacuum distillation, and centrifuge enhanced phase separation. In 1995, AEI acquired the Facility from PRC. In 1996, the ISD was modified to include used anti-freeze. In August 1998, new management acquired AEI. Shortly thereafter, AEI filed for reorganization under Chapter 11 of the federal bankruptcy code. The Chapter 11 reorganization was approved and confirmed in August 1999.

Upon issuance of this permit, the Facility will be authorized to store and transfer used oil, contaminated petroleum products, oily waste, oily water, used antifreeze, used oil filters, oily solids, and antifreeze contaminated debris under the Standardized Permit tier of authorization.

E. FACILITY SIZE AND TYPE FOR FEES

For the purpose of calculating Standardized Permit fees in accordance with Health and Safety Code section 25204(e)(4)(B), the fee and unit type for this "Series B Standardized Permit" shall be for total storage of not more than 472,560 gallons of hazardous waste in tanks.

PART III. GENERAL CONDITIONS

A. STANDARIZED PERMIT APPLICATION DOCUMENTS

The Standardized Permit Application, dated July 31, 2003, and revised February 7, 2005, is hereby approved and hereafter referred to as the "Approved Application." The Approved Application is, by this reference made part of this Standardized Permit (Permit). This Permit shall prevail in the event of any conflicts between this Permit and the Approved Application.

B. EFFECT OF PERMIT

1. The Permittee shall comply with the conditions of this Permit, the requirements of chapter 6.5 of division 20 of the Health and Safety Code, and with the regulations adopted by DTSC pursuant to chapter 6.5 of division 20 of the Health and Safety Code, including regulations which become effective after the issuance of this Permit. The issuance of this Permit by DTSC does not release the Permittee from any liability or duty imposed by federal or State statutes and regulations or local ordinances, except the obligation to obtain this Permit. In particular, the Permittee shall obtain the permits required by other governmental agencies at the federal, State, and local levels under the applicable land use planning, zoning, hazardous waste, air quality, and solid waste management laws for the construction and/or operation of the Facility. If there is overlap in the requirements imposed by any of the above permits, the most protective or stringent requirements, as determined by DTSC, shall apply.
2. The Permittee is permitted to transfer and store hazardous waste in accordance with the conditions of this Permit as specified in Part III and V of this Permit. Any storage of hazardous waste at the Facility not specifically authorized in Parts III, IV or V of this Permit is strictly prohibited.
3. Compliance with the terms of this Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including, but not limited to, one brought for any imminent and substantial endangerment to human health or the environment.
4. Notwithstanding any term or condition in this Permit, DTSC may adopt or amend regulations that impose additional or more stringent requirements than those existing at the time this Permit was issued. DTSC may fully enforce both the Permit and all additional or more stringent requirements against the

Permittee, regardless of the time of adoption of such additional or more stringent requirements.

5. Failure to comply with any terms or conditions set forth in the Permit in the time or manner specified herein will subject the Permittee to possible enforcement action including, but not limited to, penalties pursuant to Health and Safety Code section 25187.
6. In addition, failure to disclose all relevant facts or falsification and/or misrepresentation of any submitted information, is grounds for termination of the Permit (Cal. Code Regs., tit. 22, § 66270.43).

C. COMPLIANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

DTSC has issued a Negative Declaration for the project in accordance with the California Environmental Quality Act (Public Resources Code § 21000, et seq.) and the State guidelines. Based on the Negative Declaration, DTSC finds that the project will not have any significant adverse effects for which measures incorporated in the operation and design of the Facility could not effectively mitigate.

D. REFERENCES AND TERMINOLOGY

1. All Parts in this Permit are identified by Roman numerals. Unless explicitly stated otherwise, all cross-references to items in this Permit shall refer only to items occurring within the same Part. All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, division 20, and the California Code of Regulations, title 22, division 4.5, unless provided otherwise by this Permit.
2. Unless explicitly stated otherwise, all references to items in this Permit shall refer only to items occurring within the same part.

PART IV. PERMITTED UNITS AND ACTIVITIES

This Permit authorizes operation of Regulated Units #1 through #12 only and activities listed in this Part (please refer to Figures 2 and 3 for the location of the units within the Facility). The Permittee shall not store hazardous waste in any units other than those specified in this Part. Any modifications to a unit or activity authorized by this Permit require the written approval of DTSC in accordance with the permit modification procedures set forth in the California Code of Regulations, title 22, sections 66270.40 - 66270.42.

A. IDENTIFICATION OF PERMITTED STORAGE UNITS:

1. UNIT #1: NEW USED OIL STORAGE TANKS T-1001 THROUGH T-1005:

UNIT NAME: New Used Oil Storage Tanks

TYPE OF UNIT: This unit shall consist of five (5) tanks, currently located in Unit #8 within Tank Farm "A." These tanks may operate in their current location until the new tank farm is constructed.

PRIMARY SERVICE: Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2), and Oily Waste (Wastestream 3).

SECONDARY SERVICE: None

CALIFORNIA WASTE CODES:

Wastestream 1 : 221, 612

Wastestream 2 : D001 (non-RCRA), 331

Wastestream 3 : 222, 223, 331, 342, 343, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: New Tank Farm (see Figure 4).

PHYSICAL DESCRIPTION OF UNIT: This unit has five (5) tanks. Each tank is 21 feet 6 inches in diameter and between 15.33 feet and 15.83 feet in height (see Table 5).

ACTIVITY DESCRIPTION: This unit is used for storage as defined in HSC section 25123.3(b)(6)(A) of used oil, contaminated petroleum products and oily waste.

MAXIMUM CAPACITY: Total capacity of all tanks shall be 196,900 gallons. Each tank may hold no more than 39,380 gallons.

AIR EMISSION STANDARDS FOR CONTAINERS AND TANKS (SUBPART CC):

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

See Part V - Special Conditions, subpart W. below.

2. UNIT #2: NEW USED OIL STORAGE TANKS T-471 THROUGH T-478:

UNIT NAME: New Used Oil Storage Tanks

TYPE OF UNIT: This unit has not been constructed and will be built in the new tank farm area. This unit consists of eight (8) tanks.

PRIMARY SERVICE: Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2), and Oily Waste (Wastestream 3).

SECONDARY SERVICE: Oily Water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 1 : 221, 612

Wastestream 2 : D001 (non-RCRA), 331

Wastestream 3 : 222, 223, 331, 342, 343, 612

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

Wastestream 4: Oily Water

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: New Tank Farm (see Figure 4).

PHYSICAL DESCRIPTION OF UNIT: This unit has eight (8) tanks. Each tank is 13 feet in diameter and 21 feet in height (see Table 5).

ACTIVITY DESCRIPTION: This unit is used for storage as defined in Health and Safety Code section 25123.3(b) (6) (A) of used oil.

MAXIMUM CAPACITY: Total capacity of all eight (8) tanks shall be no more than 157,520 gallons. Each tank shall hold no more than 19,690 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. See Part V - Special Conditions, subparts U. and W. below.
2. The tanks in this unit may be changed from primary service to secondary service and vice versa when the requirements in Part V-Special Conditions, subpart U. are met.

3. UNIT #3: NEW OILY WATER STORAGE TANKS T-479 AND T-480:

UNIT NAME: New Oily Water Storage Tanks

TYPE OF UNIT: This unit has not been constructed and will be built in the new tank farm area. This unit consists of two (2) tanks.

PRIMARY SERVICE: Oily Water (Wastestream 4)

SECONDARY SERVICE: Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2), and Oily Waste (Wastestream 3).

CALIFORNIA WASTE CODES:

Wastestream 1 : 221, 612

Wastestream 2 : D001 (non-RCRA), 331

Wastestream 3 : 222, 223, 331, 342, 343, 612

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

Wastestream 4: Oily Water

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: New Tank Farm (see Figure 4).

PHYSICAL DESCRIPTION OF UNIT: This unit has two (2) tanks. Each tank is 13 feet in diameter and 21 feet in height (see Table 5).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in HSC section 25123.3(b) (6) (A) of oily water, used oil, contaminated petroleum products, and oily waste.

MAXIMUM CAPACITY: Total capacity of the two (2) tanks shall be no more than 39,380 gallons. Each tank shall hold no more than 19,690 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. See Part V - Special Conditions, subparts U. and W. below.
2. The tanks in this unit may be changed from primary service to secondary service and vice versa when the requirements in Part V-Special Conditions, subpart U. are met.

4. UNIT #4: NEW USED ANTIFREEZE TANKS T-481, AND T-482

UNIT NAME: New Used Antifreeze Storage Tanks

TYPE OF UNIT: This unit has not been constructed. The Permittee plans to build it in the new tank farm area. This unit will have two (2) tanks.

PRIMARY SERVICE: Used Antifreeze (Wastestream 5)

SECONDARY SERVICE: Oily Water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

Wastestream 5: 133, 134, 135, 331, 343, 612

COMMON NAME OF WASTE:

Wastestream 4: Oily Water

Wastestream 5: Used Antifreeze

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: New Tank Farm (see Figure 4).

PHYSICAL DESCRIPTION OF UNIT: This unit will have two (2) tanks. Each tank will be 13 feet in diameter and 21 feet in height (see Table 5).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in Health and Safety Code section 25123.3(b) (6) (A) of oily water and used antifreeze.

MAXIMUM CAPACITY: The total capacity of the two (2) tanks shall be no more than 39,380 gallons. Each tank shall hold no more than 19,690 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. See Part V - Special Conditions, subparts V. and W. below.

5. UNIT #5: NEW USED ANTIFREEZE TANKS T-483, AND T-484:

UNIT NAME: New Used Antifreeze Storage Tanks

TYPE OF UNIT: This unit has not been constructed. The Permittee plans to build it in the new tank farm area. This unit will have two (2) tanks.

PRIMARY SERVICE: Used Antifreeze (Wastestream 5)

SECONDARY SERVICE: Oily Water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

Wastestream 5: 133, 134, 135, 331, 343, 612

COMMON NAME OF WASTE:

Wastestream 4: Oily Water

Wastestream 5: Used Antifreeze

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: New Tank Farm (see Figure 4).

PHYSICAL DESCRIPTION OF UNIT: This unit will have two (2) tanks. Each tank will be 13 feet in diameter and 21 feet in height (see Table 5).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in Health and Safety Code section 25123.3(b) (6) (A) of oily water and used antifreeze.

MAXIMUM CAPACITY: The total capacity of the two (2) tanks shall be no more than 39,380 gallons. Each tank shall hold no more than 19,690 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

See Part V - Special Conditions, subparts V. and W. below.

6. UNIT #6: ROLL-OFF BINS STORAGE AREA

UNIT NAME: Roll-off Bins Storage Area

TYPE OF UNIT: Storage of solid waste in roll-off bins

WASTE TYPE: Oily Solids, Antifreeze Contaminated Debris, and Used Oil Filters

CALIFORNIA WASTE CODES:

Wastestream 6: 223, 352

Wastestream 7: 222, 223, 331, 352, 611

COMMON NAME OF WASTE:

Wastestream 6: Used oil filters collected from oil change facilities

Wastestream 7: Oily solids and antifreeze contaminated debris

Both wastestreams are solids that have been contaminated with used oil or waste antifreeze including dirt, adsorbents, personal protective equipments, trash, debris and solids from general maintenance activities.

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: See Figure 3 for the location of this unit.

PHYSICAL DESCRIPTION OF UNIT: This unit is an area designated for roll-off bins that will store oily solids and used oil filters. Wastes are consolidated into these bins by fork-lifts.

ACTIVITY DESCRIPTION: This unit is used for consolidation and storage of oily solids and used oil filters in roll-off bins.

MAXIMUM PERMITTED STORAGE CAPACITY: 240 cubic yards
(52,800 gallons)

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. This unit will accept only solid wastes.
2. All oily solids waste shall be tested for free liquid using EPA Test Method 9095, Paint Filter Test before being placed in the roll-off bins.
3. The unit shall be clearly marked, designed and operated in accordance with the California Code of Regulations, title 22, section 66264.175.

7. UNIT #7: DRUM STORAGE AREA

UNIT NAME: Drum Storage Area

TYPE OF UNIT: Storage of liquid and solid wastes in drums

WASTE TYPE: Used Oil, Contaminated Petroleum Products, Oily Waste, Oily Water, Used Antifreeze, non-RCRA Oil or Antifreeze Contaminated Debris, Used Oil Filters.

CALIFORNIA WASTE CODES:

Wastestream 1: 221, 612

Wastestream 2: D001 (non-RCRA), 331

Wastestream 3: 222, 223, 331, 342, 343, 612

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

Wastestream 5: 133, 134, 135, 331, 343, 612

Wastestream 6: 223, 352

Wastestream 7: 222, 223, 331, 352, 611

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

Wastestream 4: Oily Water

Wastestream 5: Used Antifreeze

Wastestream 6: Used Oil Filters

Wastestream 7: Oily Solids

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: See Figure 3 for the location of this unit.

PHYSICAL DESCRIPTION OF UNIT: This unit is located within the loading/unloading area of the new tank farm. This area shall have secondary containment.

ACTIVITY DESCRIPTION: This unit is used for storage of used oil, contaminated petroleum products, oily waste, oily water, used antifreeze, oily solids, and used oil filters.

MAXIMUM PERMITTED STORAGE CAPACITY: 200 fifty-five gallon drums
(11,000 gallons)

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. of this Permit.

COMMENTS – SPECIAL CONDITIONS:

See Part V - Special Conditions, subpart W.

8. UNIT #8: USED OIL STORAGE TANKS T-1001 THROUGH T-1005:

UNIT NAME: Used Oil Storage Tanks

TYPE OF UNIT: This unit consists of five (5) existing tanks. The Permittee plans to relocate these tanks to the new tank farm and redesignate it as Unit #1.

PRIMARY SERVICE: Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2) and Oily Waste (Wastestream 3)

SECONDARY SERVICE: None

CALIFORNIA WASTE CODES:

Wastestream 1 : 221, 612

Wastestream 2 : D001 (non-RCRA), 331

Wastestream 3 : 222, 223, 331, 342, 343, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: Tank Farm Area "A" (see Figure 5).

PHYSICAL DESCRIPTION OF UNIT: This unit has five (5) tanks. Each tank is 21 feet 6 inches in diameter and between 15.33 feet and 15.83 feet in height (see Table 6).

ACTIVITY DESCRIPTION: This unit shall be used for storage of used oil, contaminated petroleum products, and oily waste.

MAXIMUM CAPACITY: The total capacity of five (5) tanks shall be no more than 196,900 gallons. Each tank shall hold no more than 39,380 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

See Part V - Special Conditions, subpart W. below.

9. UNIT #9: USED OIL STORAGE TANKS T-451 THROUGH T-454:

UNIT NAME: Used Oil Storage Tanks

TYPE OF UNIT: This unit consists of four (4) existing tanks. The Permittee plans to replace it with Units #1, #2, and #3.

PRIMARY SERVICE: Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2) and Oily Waste (Wastestream 3)

SECONDARY SERVICE: Oily water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 1 : 221, 612

Wastestream 2 : D001 (non-RCRA), 331

Wastestream 3 : 222, 223, 331, 342, 343, 612

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

Wastestream 4: Oily Water

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxic

LOCATION OF UNIT: Tank Farm Area "C" (see Figure 6).

PHYSICAL DESCRIPTION OF UNIT: This unit has four (4) tanks. Each tank is 20 feet in diameter and 11.17 feet in height (see Table 6).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in HSC section 25123.3(b)(6)(A) for used oil, contaminated petroleum products, oily waste, and oily water.

MAXIMUM CAPACITY: The total capacity of the four (4) tanks shall be no more than 98,720 gallons. Each tank shall hold no more than 24,680 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. See Part V - Special Conditions, subparts U. and W. below.
2. The tanks in this unit may be changed from primary service to secondary service and vice versa when the requirements in Part V, subpart U. are met.

10. UNIT #10: USED ANTIFREEZE STORAGE TANK T-501:

UNIT NAME: Used Antifreeze Storage Tank T -501

TYPE OF UNIT: This unit is a single tank. The Permittee plans to replace it with Units #4 and #5.

PRIMARY SERVICE: Used Antifreeze (Wastestream 5)

SECONDARY SERVICE: Oily Water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

Wastestream 5: 133, 134, 135, 331, 343, 612

COMMON NAME OF WASTE:

Wastestream 4: Oily Water

Wastestream 5: Used Antifreeze

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxicity

LOCATION OF UNIT: Tank Farm Area "D" (see Figure 7).

PHYSICAL DESCRIPTION OF UNIT: This unit is a tank that is 9.25 feet in diameter and 23.17 feet in height (see Table 6).

ACTIVITY DESCRIPTION: This unit shall be used primarily for storage as defined in HSC section 25123.3(b)(6)(A) of used antifreeze and oily water.

MAXIMUM CAPACITY: This unit shall hold no more than 11,060 gallons

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

1. See Part V - Special Conditions, subparts V. and W. below.

2. The tanks in this unit may be changed from primary service to secondary service and vice versa when the requirements in Part V- Special Conditions, subpart V. are met.

11. UNIT #11: OILY WATER STORAGE TANKS T-651 AND T-652:

UNIT NAME: Oily Water Storage Tank

TYPE OF UNIT: This unit consists of two (2) tanks. The Permittee plans to replace it with Units #3, #4, and #5.

PRIMARY SERVICE: Oily Water (Wastestream 4)

SECONDARY SERVICE: None

CALIFORNIA WASTE CODES:

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

COMMON NAME OF WASTE:

Wastestream 4: Oily Water

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxic

LOCATION OF UNIT: This unit is located in the Tank Farm Area "C"
(see Figure 8).

PHYSICAL DESCRIPTION OF UNIT: This unit has two (2) tanks. Each tank is 12 feet in diameter and 19.5 feet in height (see Table 6).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in HSC section 25123.3(b)(6)(A) of oily water.

MAXIMUM CAPACITY: The total capacity of the two (2) tanks shall be no more than 31,300 gallons. Each tank shall hold no more than 15,650 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS:

See Part V - Special Conditions, subpart W. below.

12. UNIT #12: USED OIL STORAGE TANKS V-511 THROUGH V-513

UNIT NAME: Used Oil Storage Tank

TYPE OF UNIT: This unit consists of three (3) existing tanks. The Permittee plans to replace this unit with Units #1, #2, and #3.

PRIMARY SERVICE: Used Oil (Wastestreams 1), Contaminated Petroleum Products (Wastestream 2) and Oily Waste (Wastestream 3)

SECONDARY SERVICE: Oily water (Wastestream 4)

CALIFORNIA WASTE CODES:

Wastestream 1: 221, 612

Wastestream 2: D001 (non-RCRA), 331

Wastestream 3: 222, 223, 331, 342, 343, 612

Wastestream 4: 133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612

COMMON NAME OF WASTE:

Wastestream 1: Used Oil

Wastestream 2: Contaminated Petroleum Products

Wastestream 3: Oily Waste

Wastestream 4: Oily Water

HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE: Toxic

LOCATION OF UNIT: Tank Farm Area "B" (see Figure 9).

PHYSICAL DESCRIPTION OF UNIT: This unit has three (3) cone bottom tanks. Each tank is 15 feet in diameter and 20 feet height with skirt 12.5 feet in height (total 32.5 feet in height) (see Table 6).

ACTIVITY DESCRIPTION: This unit shall be used for storage as defined in HSC section 25123.3(b)(6)(A) of used oil, contaminated petroleum products, oily waste, and oily water.

MAXIMUM CAPACITY: The total capacity of the three (3) tanks shall be no more than 85,260 gallons. Each tank shall hold no more than 28,420 gallons.

**AIR EMISSION STANDARDS FOR CONTAINERS, AND TANKS
(SUBPART CC):**

See Part IV.B. below.

COMMENTS – SPECIAL CONDITIONS

1. See Part V - Special Conditions, subparts U. and W. below.
2. The tanks in this unit may be changed from primary service to secondary service and vice versa when the requirements in Part V- Special Conditions, subpart U. are met.

B. AIR EMISSION STANDARDS FOR PROCESS VENTS, EQUIPMENT LEAKS, CONTAINERS, AND TANKS

1. **Process Vents:** There are no process vents at the Facility. Air Emission Standards for process vents as specified in California Code of Regulations, title 22, section 66264.1030 do not apply.
2. **Equipment Leaks:** All of the equipment in each hazardous waste management unit is subject to the requirements of this section except piping and valves used only for potable water, fire water, instrument air, caustic, or steam. All liquid hazardous waste streams in the hazardous waste management units are assumed to be "Light liquids" for compliance purposes. Each piece of equipment that is subject to this section shall have a metal tag attached that states "BB Applies" (Cal. Code Regs., tit. 22, § 66264.1057). Each pump in light liquid service shall be monitored monthly for leakage using Reference Method 21.
3. **Tank Standards:** All tanks shall comply with Level 1 controls (Cal. Code Regs., tit. 22, § 66264.1084). Level 1 requires that the tanks be sealed with no measurable emissions except for a conservation vent.
4. **Container Standards:** Containers above 26.4 gallons require Level 1 controls (Cal. Code Regs., tit. 22, § 66264.1087). Level 1 requires that containers be equipped with covers and closure devices that are composed of suitable material to minimize exposure of the hazardous waste to the atmosphere and to maintain the equipment integrity for as long as it is in service. Any container that does not contain hazardous waste or contain waste with less than 500 ppm VOC is exempt from these requirements.

PART V. SPECIAL CONDITIONS APPLICABLE TO THE ENTIRE FACILITY'S STORAGE UNITS

- A.** The Permittee shall cease operating units currently in operation (Units #8 through #12) within 18 months of the effective date of this Permit (See Figures 5 through 9). In accordance with this condition, the Permittee shall:
1. Provide written notification to DTSC 45 days prior to the anticipated final receipt of hazardous wastes in Units #8 through #12.
 2. Provide written notification to DTSC 14 days prior to the start of implementation of closure procedures for Units #8 through #12.
 3. Complete closure activities within 180 days of the final receipt of hazardous wastes in Units #8 through #12.
 4. Concurrent with the submittal of the closure certification report for Units #8 through #12, the Permittee shall submit a Class 1* permit modification request to DTSC to modify Part IV of this Permit to delete references to Units #8 through #12 and to modify other Parts of the Permit as necessary or required.
- B.** The Permittee shall complete construction of Units #1, #3, #4, #6, and #7 within 18 months of the effective date of this Permit. Unit #1 may be constructed in two (2) phases; phase 1 consisting of two (2) tanks and phase 2 consisting of three (3) tanks. Units #2 and #5 may be constructed at any time following completion of construction of Units #1 (both phases), #3, #4, #6, and #7. Unit #2 may be constructed in four (4) phases, with each phase consisting of two (2) tanks per phase. The Permittee shall also comply with the requirements of Special Condition D. below prior to commencement of construction and operation of any phases and any units addressed in Condition D.
- C.** The Permittee shall not operate any phase of Unit #2 until the Permittee has ceased operating old Units #8, #9, and #12. The Permittee shall not operate new Unit #3 until it has ceased operating old Unit #11. The Permittee shall not operate new Unit #4 until it has ceased operating old Unit #10. The Permittee shall not operate new Unit #5 until it has ceased operating old Unit #10.
- D.** (1) The Permittee shall provide DTSC with at least fourteen (14) days written notice prior to commencing construction of new Units #1 through #6. This notice shall be provided prior to commencing construction of each phase of Units #1 and #2.
- (2) The Permittee shall not operate a unit or phase of a unit for Units #1 and #2, until the Permittee has submitted to DTSC by certified mail or hand delivery a letter

signed by the Permittee and a professional engineer, registered in California, stating that the unit (or applicable phase) has been constructed in compliance with Permittee's Approved Application's "as built" plans and this Permit and DTSC has inspected the units (or applicable phases) and finds they are in compliance with the Approved Application and this Permit.

(3) The Permittee shall provide DTSC with at least seven (7) days written notice before it starts to operate any phase of Units #1 and #2 and Units #3, #4, and #5.

- E.** The Permittee shall not accept or store any RCRA hazardous waste.
- F.** The Permittee shall only accept hazardous waste with the hazardous waste codes identified in Table 1.
- G.** The Permittee shall not treat any hazardous waste.
- H.** Disposal of hazardous waste is prohibited at the Facility, including land disposal, either temporarily or permanently.
- I.** The Permittee shall not store hazardous waste in excess of one calendar year from the time such waste was first stored.
- J.** Except as provided in Condition K, hazardous waste management activities authorized under this Permit shall only be conducted within the permitted areas.
- K.** Exempt transfer activities (Cal. Code Regs., tit. 22, § 66263.18) may be conducted in areas not identified as permitted units under this Permit, so long as those activities do not interfere with or prevent the Permittee from complying with this Permit. The Facility shall not be designated as the Treatment, Storage, or Disposal Facility on the manifests for shipments involving any exempt transfer activities.
- L.** The following documents shall be certified by the Permittee in accordance with Health and Safety Code section 25201.6 (c)(4) and shall be maintained at the Facility at all times until Facility closure is approved by DTSC, and shall be made available to Facility operating personnel, local, State, and federal officials upon request:
 - 1. Contingency Plan and Emergency Preparedness;
 - 2. Facility Management Practices;
 - 3. Facility Siting Information;
 - 4. Inspection Plan;

5. "Land Ban" Compliance
6. Manifesting;
7. Personnel Training
8. Reporting;
9. Security Plan;
10. Waste Analysis Plan; and
11. Facility Operating Log

M. General Conditions for Used Oil/Oily Waste, Oily Water, and Used Antifreeze:

1. The Permittee is only authorized to combine used oil with specified contaminated petroleum products and oily wastes as set forth in Part III of this Permit, for storage in Unit #1, Unit #2, Unit #3, Unit #8, Unit #9, and Unit #12 at the Facility, if all the conditions in Health and Safety Code section 25250.7(b) are met. In addition, in combining these wastestreams, the Permittee is not authorized to treat waste, but may combine these wastestreams by complying with the requirements of Health and Safety Code section 25123.5(b)(2)(C).
2. Prior to accepting shipments of oily water, the Permittee shall require and obtain a generator profile and certification that verifies the waste is a non-RCRA oily water. Waste profiling shall be completed either by generators prior to shipment to the Facility or by transporters of loads that qualify for use of consolidated manifests prior to acceptance at the Facility.
3. The Permittee shall maintain the profiles and certifications identified in paragraph M.2 above for at least three (3) years.
4. The Permittee shall conduct the fingerprint tests specified in Table 4 prior to accepting the hazardous waste streams as identified in Table 1. The fingerprint analysis shall be performed to confirm the identity of the wastes specified on the accompanying manifest(s).
5. One representative composite sample, collected with a coliwasa, shall be obtained per truck load, analyzed prior to receipt, and retained. Incoming shipments of wastes in drums shall be sampled in accordance with the drum sampling frequency specified in Section III of the Approved Application.
6. The Permittee shall log the results of all tests performed and the documents shall be retained for at least three (3) years at the Facility for inspection.

N. Used Oil - Total Halogen Testing

1. The Permittee shall determine, prior to accepting used oil, whether the used oil contains more than 1,000 ppm total halogens by testing each shipment of used oil for total halogens as specified in the California Code of Regulations, title 22, section 66279.90(a) in accordance with section 66279.10(a)(4) of the regulations.
2. When the Permittee has determined that a used oil shipment contains more than 1,000 ppm total halogens and seeks to demonstrate that the rebuttable presumption under California Code of Regulations, title 22, section 66279.10(b) should be rebutted because the used oil does not in fact contain halogenated hazardous waste, then the Permittee shall test the used oil and demonstrate through analytical testing results that halogenated hazardous wastes are not present in the used oil. The Permittee cannot comply with this condition by using only generator analytical results and/or generator knowledge.
3. Used oil shall not be intentionally mixed with other hazardous waste, including household hazardous waste and hazardous waste from a conditionally exempt small quantity generator, except as authorized in paragraph M.1. of this Permit.

O. Used Oil - PCBs Testing:

The Permittee shall test used oil for PCBs using the following procedures:

1. Used Oil shall be unloaded into a storage tank;
2. When full, the tank shall be sampled and tested for PCBs. Each tank shall be sampled in accordance with the tank sampling procedure specified in Section III of the Approved Application;
3. If there are no detectable PCBs (detection limit is 2 ppm), the tank may be released for shipment;
4. If any PCBs are detected in accordance with paragraph O.2. above, the sample shall be re-tested after using the permanganate sample cleanup procedure;

5. If any PCBs are detected, the retained samples from each truck that was unloaded into this tank shall be tested;
 6. If all the retained samples show less than five (5) ppm PCBs, the tank may be managed as used oil;
 7. If any retained sample is at or above the five (5) ppm limit for PCBs, the entire tank shall be emptied and cleaned prior to reuse and all material emptied from the tank shall be shipped to a facility permitted to accept hazardous waste contaminated with PCBs;
 8. When any sample shows a PCB concentration of five (5) ppm or greater, the Permittee shall report, in writing, the test results to DTSC within seven (7) days of their availability; and
 9. The Permittee shall maintain all PCB analytical records concerning tanks and trucks for at least three (3) years.
- P.** At no time shall the volume of off-site hazardous waste received at the Facility [for management within the authorized units] exceed 472,560 gallons in tanks, 240 cubic yards of solids in roll-off bins and 11,000 gallons in drums.
- Q.** The Operating Log shall provide proof of compliance with conditions M, N, O, P, U, and V of this Part.
- R.** Any falsification on any of the above certifications or documents or any other information submitted to DTSC in connection with this Permit constitutes a false statement under Health and Safety Code section 25189.2 and is subject to an enforcement action by DTSC, including permit revocation.
- S.** This Permit authorizes operation of the Facility units and activities listed in Part III subject to the conditions specified herein, the Health and Safety Code and the California Code of Regulations, title 22. The Permittee shall not transfer or store hazardous waste in any unit other than those specified in Part III pursuant to the limitations discussed in Parts II and III. Any modifications to the designated units or permitted activities requires compliance with the requirements for the written request and written approval of DTSC in accordance with permit modification procedures set forth in California Code of Regulations, title 22, sections 66270.41 or 66270.42.

- T.** The issuance of this Permit is subject to the condition that the Permittee complies with all requirements of Health and Safety Code, division 20, chapter 6.5, all applicable provisions of the California Code of Regulations, title 22 and all terms and conditions of this Permit. Violations of any condition of this Permit or above referenced law and regulations may subject the Permittee to an enforcement action by DTSC, including permit revocation.
- U.** This Permit authorizes the change in usage of tanks designated for the storage of Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2) and Oily Waste (Wastestream 3) in Unit #1, Unit #2, Unit #3, Unit #9, and Unit #12 to the storage of Oily Water (Wastestream 4) and vice-versa only under the following conditions:
1. Prior to a change in service from Used Oil (Wastestream 1), Contaminated Petroleum Products (Wastestream 2) and Oily Waste (Wastestream 3) to Oily Water (Wastestream 4) service, the Permittee shall send a notice of change of service letter to DTSC seven (7) days prior to the date of planned change in service of any individual tank or tanks. The same notification is required when Oily Water tanks are scheduled to be changed back into Used Oil, Contaminated Petroleum Products and Oily Waste service.
 2. The Permittee shall completely empty the wastes from the tank and then pressure wash and/or steam clean the inside of the tank to remove all visible waste residues before the usage is changed.
 3. The Permittee shall retain at the Facility copies of self-certification reports of every change in tank service usage. These reports shall list the tank number, date(s) of change in service, the method used to clean the tank, pressure wash and/or steam clean, and visual inspection procedures implemented to verify that the tank cleaning standard has been met. The Permittee shall certify under penalty of perjury that the report is true and correct.
 4. The Permittee shall indicate in the Operating Log the change in service of a tank.
- V.** The Permittee may change the usage of tanks in service from Oily Water (Wastestream 4) to Used Antifreeze (Wastestream 5) (or vice versa) without the notification and cleanout requirements specified in Special Condition U. However, the Permittee shall completely empty the wastes in and from the tank prior to placing a different wastestream in the tank. In addition, the Permittee shall retain at the Facility copies of operational reports that shall list tank numbers and date(s)

of change in service from Oily Water to used Antifreeze and vice versa. The Permittee shall indicate in the Operating Log the change in service of a tank.

- W.** The inclusion of California Waste Code 612 for a specified wastestream does not authorize the Permittee to accept all household waste under that wastestream. Instead, the Permittee is only authorized to accept wastes under California Waste Code 612 if the wastes would fit within one of the other authorized waste codes for the wastestream if the waste were not household waste.

PART VI. CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

A. AUTHORITY

The Permittee is required to conduct corrective action at the Facility pursuant to Health and Safety Code sections 25187, 25200.10 and 25200.14. The corrective action will be carried out under the Corrective Action Consent Agreement entered into with DTSC on June 25, 1996, pursuant to Health and Safety Code section 25187.

Failure to comply with any term or condition set forth in Part VI of this Permit in the time or manner specified herein will subject the Permittee to possible enforcement action and penalties pursuant to Health and Safety Code section 25187.

In addition, failure to submit the information required in Part VI of this Permit, or falsification and/or misrepresentation of any submitted information, is grounds for suspension, revocation or termination of this Permit (Health & Saf. Code § 25186, Cal. Code Regs., tit. 22, § 66270.43).

B. STATEMENT OF PURPOSE

The corrective action objectives contained in Part VI of this Permit are provided to ensure that any threats to human health and/or the environment, resulting from the release or potential release of hazardous waste or hazardous constituents at the Facility are addressed in an expedient manner.

C. SUMMARY OF CORRECTIVE ACTIONS

A RCRA Facility Assessment (RFA) was prepared in June 1993 by DTSC. The RFA identified five (5) solid waste management units and three (3) areas of concern. Refer to Figure 10 for the location of these solid waste management units and areas of concern. The Facility and DTSC entered into a Corrective Action Consent Agreement in 1996. RCRA Facility investigations are ongoing and DTSC will prepare a separate fact sheet to update the community on the status of these investigations.

D. POTENTIAL OR IMMEDIATE THREATS/NEWLY IDENTIFIED RELEASES/NEWLY IDENTIFIED SWMUs

1. In the event the Permittee identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste

and/or hazardous constituents, or discovers a new SWMU not previously identified, the Permittee shall notify DTSC orally within 48 hours of discovery and notify DTSC in writing within ten (10) days of such discovery, summarizing the findings including the immediacy and magnitude of any potential threat(s) to human health and/or the environment.

2. DTSC may require the Permittee to investigate, mitigate and/or take other applicable action to address any immediate or potential threats to human health and/or the environment from newly identified releases of hazardous waste and/or hazardous constituents, or newly identified SWMUs. Upon written request by DTSC, the Permittee shall submit to DTSC any required documents within the time specified by DTSC. The required documents shall be developed in a manner consistent with guidance to be provided by DTSC.

DTSC will review the required documents and notify the Permittee in writing of DTSC's approval or disapproval, including any comments and modifications. If DTSC determines that immediate action is required, DTSC may orally authorize the Permittee to act prior to DTSC's receipt or approval of any required work plans.

PART VII. MODIFICATIONS

A. PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE

If at any time the Permittee determines that it wants a Permit modification to revise any portion of this Permit, the Permittee shall comply with the procedures for permit modifications set forth in the California Code of Regulations, title 22, section 66270.42, division 4.5, chapter 20, in order to revise any portion of this Permit.

B. PERMIT MODIFICATION INITIATED BY DTSC

If at any time DTSC determines that modification of this Permit is necessary, DTSC may initiate a modification to this Permit according to procedures in the California Code of Regulations, title 22, section 66270.41, division 4.5, chapter 20.

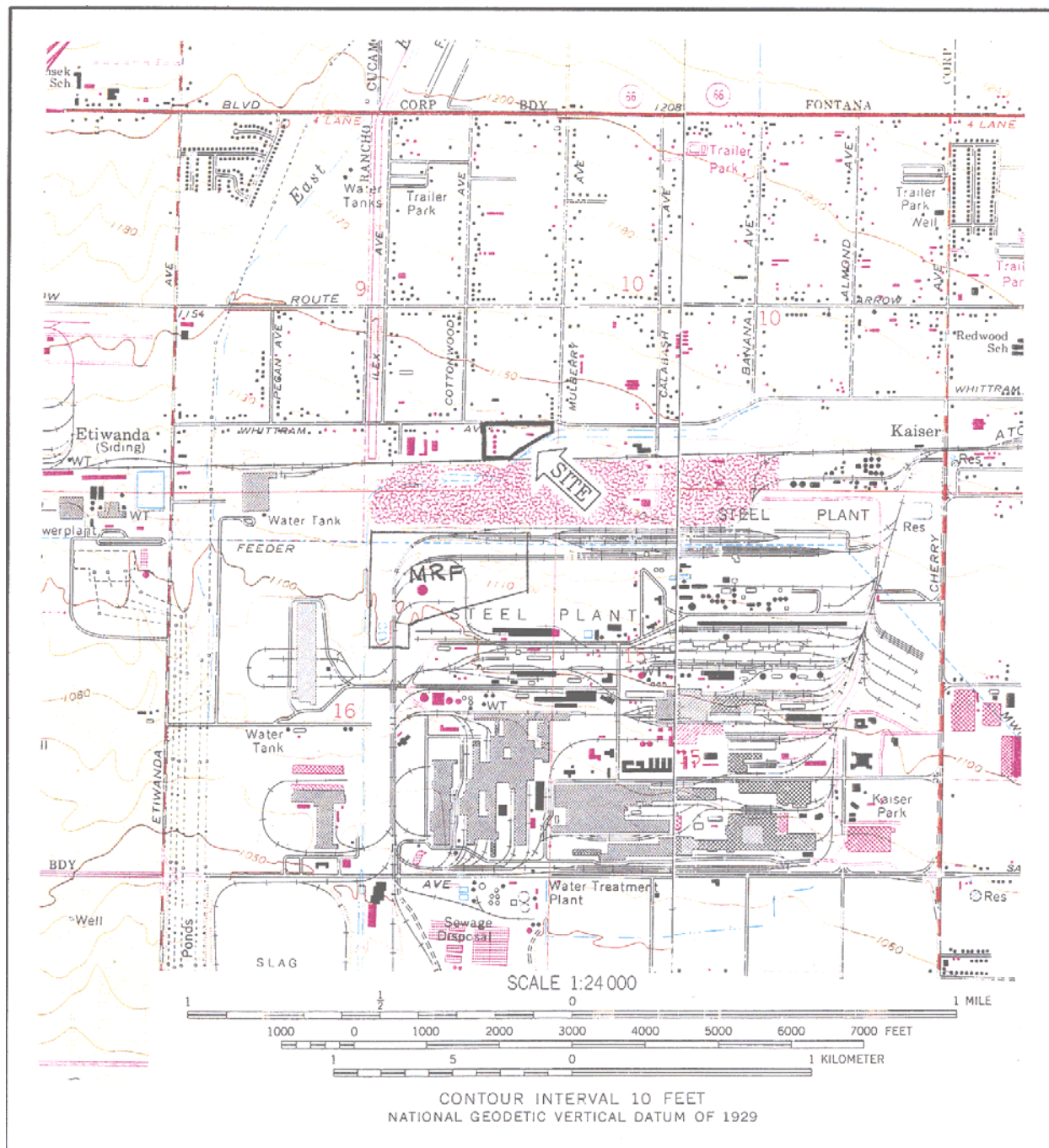
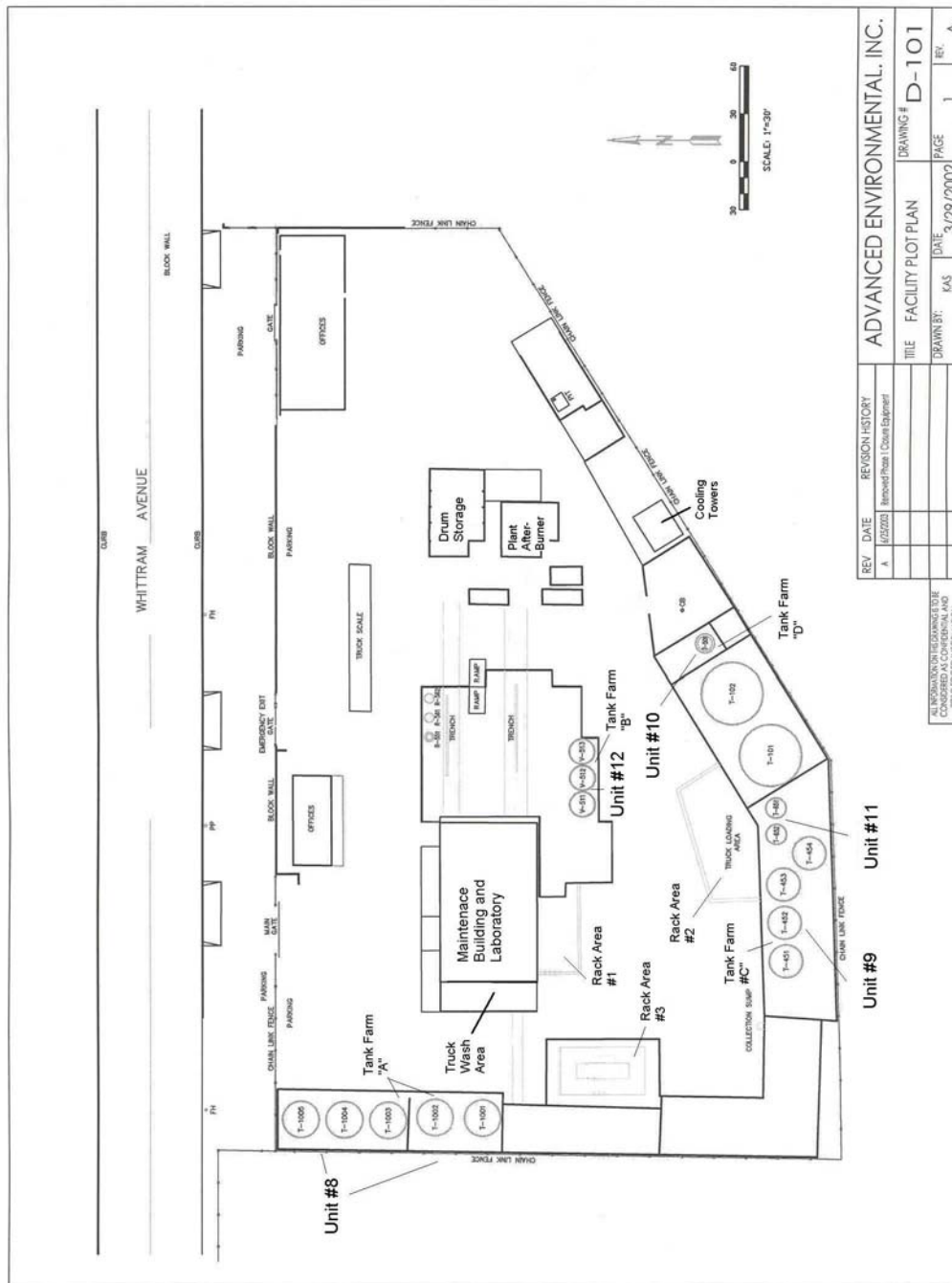


Figure 1. Site Location Map



REV	DATE	REVISION HISTORY	ADVANCED ENVIRONMENTAL, INC.
A	6/25/2003	Revised Phase I Clean Up Report	

TITLE	FACILITY PLOT PLAN	DRAWING #
DRAWN BY:	EAS	3/29/2002
DATE		
REV.	1	A

ALL INFORMATION ON THIS DRAWING IS UNCLASSIFIED AND NOT FOR RELEASE TO THE PUBLIC

Figure 2. Existing Facility Plot Plan







Figure 5. Unit #8, Used Oil Storage Tanks T-1001 through T-1005



Figure 6. Unit #9 – Used Oil Storage Tanks T-451 through T-454



Figure 7. Unit #10 – Used Antifreeze Storage Tank T-501



Figure 8. Unit #11 – Oily Water Storage Tanks T-651 and T-652



Figure 9. Unit #12 – Used Oil Storage Tanks V-511 through V-513

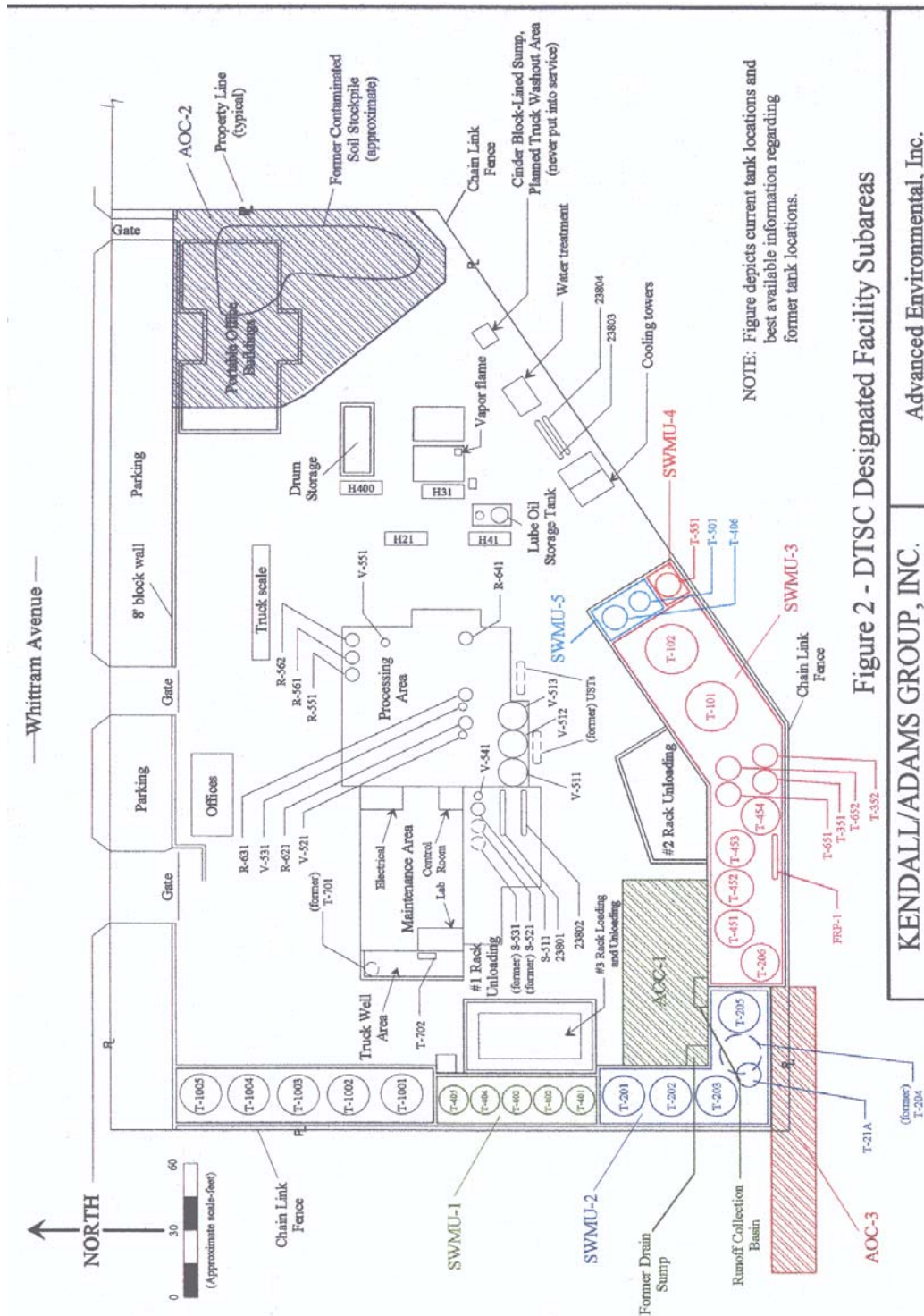


Figure 2 - DTSC Designated Facility Subareas

KENDALL/ADAMS GROUP, INC.

Advanced Environmental, Inc.

Figure 10. Location of Solid Waste Management Units and Areas of Concern

Table 1. Description of Hazardous Waste Streams

Waste Stream	Common Name	Waste Codes
1	Used Oil	California Waste Code 221, 612
2	Contaminated Petroleum Products	D001 (non-RCRA), 331
3	Oily Waste	222, 223, 331, 342, 343, 612
4	Oily Water	133, 134, 135, 222, 223, 241, 331, 342, 343, 491, 612
5	Used Antifreeze	133, 134, 135, 331, 343, 612
6	Used Oil Filters	223, 352
7	Oily solids and antifreeze contaminated debris	222, 223, 331, 352, 611

California Waste Codes

- 132 Aqueous solution with metals (restricted levels see waste code 121 for a list of metals)
- 133 Aqueous solution with 10% or more total organic residues
- 134 Aqueous solution with less than 10% total organic residues
- 135 Unspecified aqueous solution
- 141 Off-specification, aged, or surplus inorganics
- 171 Metal sludge (see 121)
- 172 Metal dust (see 121)
- 181 Other inorganic solid waste
- 221 Waste oil and mixed oil
- 222 Oil/water separation sludge
- 223 Unspecified oil-containing waste
- 241 Tank bottom waste
- 331 Off-specification, aged, or surplus organics
- 341 Organic liquids (non-solvents) with halogens
- 342 Organic liquids with metals (see 121)
- 343 Unspecified organic liquid mixture
- 352 Other organic solids
- 491 Unspecified sludge waste
- 511 Empty Containers less than 30 gallons
- 521 Drilling mud
- 611 Contaminated soil from site clean-ups
- 612 Household waste
- D001 Non-RCRA Ignitability Characteristic

Table 2. Summary of Secondary Containment Calculations

Tank Farm	10% Volume of All Tanks	Max. Operating Volume of Largest Tank	Containment Required (1)	Containment Available	Percent Containment
A	19,690	39,380	58,289	64,156	110%
B	8,526	28,420	69,081	82,767	120%
C	13,002	24,680	49,547	107,613	217%
D	1,106	11,060	34,925	85,331	244%
New	47,256	39,380	80,381	82,976	103%

Note: (1) Includes rainfall volumes for a 25-year 24-hour storm event.

Table 3: Testing Methods for Various Contaminants

<u>Analysis</u>	<u>Description/Test Method</u>
Total organic halides	EPA Method 9076, 9077 or 8010.
Flash Point	Pensky Martens Closed Cup. ASTM D-93
PH	pH meter or paper. EPA Method 9040, 9041
Metals	EPA Method 1311 (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver)
Specific Gravity	Hydrometer. ASTM D-1122
Oil/gasoline in used antifreeze	Visual of coliwasa tube
PCBs	EPA Method 8082
Bottom Sediment and Water	ASTM D-96, D-1796, or D-4007
Free Liquids	Paint Filter EPA Method 9095
Odor	Observation
Color	Observation

Table 4: Requirements for Acceptance of Hazardous Waste Streams

<u>Waste Stream</u>	<u>Requirements</u>
Used Oil	1, 2, 3, 4, 6
Oily Water	1, 3
Used Antifreeze	3, 5, 6
Oil or Antifreeze Contaminated Debris	7

Details of Requirements:

1. Total Organic Halides. Shall be less than 1,000 ppm. Oils containing total organic halides greater than 1,000 ppm and not rebutted pursuant to Special Condition V.N.2. shall not be received by the Facility. The method must detect the presence of solvents in water. If when using a halogen test kit (EPA Method 9077), the sample turns clear or light gray, there may be too much water in the sample for this kit. In this situation, the Dexsil Hydroclor-Q (or equivalent) shall be used.
2. Flash Point. Each shipment manifested as Used Oil shall have flash point greater than or equal to 100 °F.
3. pH: If the pH is less than 2 or greater than 12.5, then the water is considered corrosive. pH shall be measured when there is a separated water layer.
4. PCBs: PCBs shall be tested using EPA method 8082.
5. Specific Gravity: Shall be between 1.0 and 1.3 for Antifreeze.
6. Color: Shall be yellow or green for antifreeze, light brown to black for Used Oil
7. Free liquids: Oily solids shall be tested using EPA Method 9095.

Table 5. Maximum Permitted Storage Capacities for New Transfer Station Tanks

<u>Tank</u>	<u>Primary Service By Waste Stream Code¹</u>	<u>Secondary Service</u>	<u>Maximum Permitted Storage Capacity</u>	<u>Total Height, Feet</u>	<u>Diameter, Feet</u>
T-1001	1, 2, 3	None	39,380	15.5	21.50
T-1002	1, 2, 3	None	39,380	15.83	21.50
T-1003	1, 2, 3	None	39,380	15.75	21.50
T-1004	1, 2, 3	None	39,380	15.75	21.50
T-1005	1, 2, 3	None	39,380	15.33	21.50
T-471	1,2,3	4	19,690	21.00	13.00
T-472	1,2,3	4	19,690	21.00	13.00
T-473	1,2,3	4	19,690	21.00	13.00
T-474	1,2,3	4	19,690	21.00	13.00
T-475	1,2,3	4	19,690	21.00	13.00
T-476	1,2,3	4	19,690	21.00	13.00
T-477	1,2,3	4	19,690	21.00	13.00
T-478	1,2,3	4	19,690	21.00	13.00
T-479	4	1,2,3	19,690	21.00	13.00
T-480	4	1,2,3	19,690	21.00	13.00
T-481	5	4	19,690	21.00	13.00
T-482	5	4	19,690	21.00	13.00
T-483	5	4	19,690	21.00	13.00
T-484	5	4	19,690	21.00	13.00
Total Capacity			472,560 Gallons		

Note 1: See Table 1 for description of Waste Streams

Table 6. Maximum Permitted Storage Capacity For Existing Transfer Station Tanks

<u>Tank</u>	<u>Primary Service By Waste Stream Code¹</u>	<u>Secondary Service</u>	<u>Maximum Permitted Storage Capacity</u>	<u>Diameter, Feet</u>	<u>Total Height, Feet</u>
T-1001	1, 2, 3	None	39,380	21.50	15.50
T-1002	1, 2, 3	None	39,380	21.50	15.83
T-1003	1, 2, 3	None	39,380	21.50	15.75
T-1004	1, 2, 3	None	39,380	21.50	15.75
T-1005	1, 2, 3	None	39,380	21.50	15.33
T-451	1, 2, 3	4	24,680	20.00	11.17
T-452	1, 2, 3	4	24,680	20.00	11.17
T-453	1, 2, 3	4	24,680	20.00	11.17
T-454	1, 2, 3	4	24,680	20.00	11.17
T-501	5	4	11,060	9.25	23.17
T-651	4	None	15,650	12.00	19.50
T-652	4	None	15,650	12.00	19.50
V-511	1, 2, 3	4	28,420	15.00	20.00
V-512	1, 2, 3	4	28,420	15.00	20.00
V-513	1, 2, 3	4	28,420	15.00	20.00
Total Capacity			423,240 Gallons		

Note 1: See Table 1 for description of Waste Streams